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TCS-6719-59 Copy__of 6

21 DEC 1959

MEMORANDUM FOR: Record

SUBJECT

: Operational Report of Mission 4140,

System VI.

- 1. The performance of the equipment used on this mission is considered satisfactory since a normal amount of radar activity was experienced on both RF bands and no complete system failure was apparent at any time.
- 2. Two discrepancies were noted in regard to equipment performance, however, which should be corrected, if possible, to improve future operations.
 - (a) The 1000 cps reference tone was very weak. This is probably caused by connecting both System VI and System VII to the same reference tone generator. This has happened before but should be corrected.
 - (b) The noise of both "P" and "S" band receivers was excessive throughout the entire operation.
- 3. All other phases were satisfactory and the mission must be considered a success from an operational and equipment standpoint.

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Chief, ELINT Branch, ED/SI

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